

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1	"6479782"	US-PGPUB; USPAT	AND	ON	2009/06/03 14:55
S2	67	279/152	US-PGPUB; USPAT	AND	ON	2009/06/03 15:41
S3	114	279/156	US-PGPUB; USPAT	AND	ON	2009/06/03 15:49
S4	11	"4657454"	US-PGPUB; USPAT	AND	ON	2009/06/03 15:51
S5	11	"5028178"	US-PGPUB; USPAT	AND	ON	2009/06/03 15:57
S6	3	"5329841"	US-PGPUB; USPAT	AND	ON	2009/06/03 16:04
S7	9	"6260858"	US-PGPUB; USPAT	AND	ON	2009/06/03 16:08
S8	10	"6260858"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/03 16:08
S9	3	"0972603"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/03 16:14
S10	18	"972603"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/03 16:15
S11	5	"02051571"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/03 16:58
S12	3854388	collet and coolant supply	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/03 17:23
S13	4319388	coolant supply duct	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/03 17:30

S14	42368	collet	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/03 17:31
S15	9411	S13 and S14	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/03 17:31
S16	3799951	rotatable work chuck	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/03 17:31
S17	924622	S16 and S13	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/03 17:31
S18	8640	slot maximum width "0.3" mm	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/06/04 09:01
S19	42386	collet	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/04 09:13
S20	126	S18 and S19	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/06/04 09:13
S21	0	"7182558" method mak \$3 (bush or bushing)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/06/04 09:17
S22	71889	method mak\$3 (bush or bushing)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/06/04 09:17
S23	4	"7182558"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/06/04 09:17

S24	0	S22 and S23	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/06/04 09:17
S25	230621	spark (erode or erosion or eroded)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/04 09:20
S26	0	S23 and S25	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/04 09:20
S27	320881	spark (erode or erosion or eroded)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/04 09:21
S28	0	S27 and S23	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/04 09:21
S29	35994	S27 and slot	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/04 09:24
S30	7048	slot maximum width "0.6" mm	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/06/04 09:24
S31	975	S29 and S30	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/06/04 09:24
S32	17	S19 and S31	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/06/04 09:24
S33	45	279/43.1	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/06/04 09:26

S34	0	S33 and S30	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/06/04 09:26
S35	7067889	slot maximum width "0.6" mm	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/04 09:26
S36	31	S35 and S33	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/04 09:27
S37	67	279/152	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/04 09:29
S38	44	S37 and S35	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/04 09:29
S39	170	279/140	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/04 09:45
S40	98	279/141	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/04 09:46
S41	56	279/142	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/04 09:46
S42	67	279/152	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/04 09:46
S43	52	279/153	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/04 09:46

S44	21	279/154	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/04 09:46
S45	75	279/155	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/04 09:46
S46	114	279/156	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/04 09:46
S47	71	S46 and S35	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/04 09:47
S48	44	S45 and S35	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/04 09:48
S49	191571	spark (erode or erosion or eroded)and S39	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/04 09:54
S50	2018787	slot or hole and S27	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/04 09:55
S51	85	S50 and S39	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/04 09:55
S52	46	S50 and S40	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/04 09:56
S53	93390	(slot or hole) and S27	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/04 09:57

S54	0	S53 and S39	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/04 09:57
S55	0	S53 and S40	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/04 09:57
S56	0	S53 and S43	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/04 09:57
S57	3001	(slot or hole) and S27 and (chuck or collet)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/04 09:58
S58	2600	S57 and S35	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/04 09:58
S59	11	("4721423"   "4809426"   "4856177"   "5311654"   "5378091"   "6060694"   "6216335"   "6488285"   "6938903").PN. OR ("7182558").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2009/06/04 12:02
S60	13	("2295111"   "3052013"   "3562702"   "3975609"   "4345138"   "4862920"   "4941508"   "4983803").PN. OR ("5329841").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2009/06/04 14:36
S61	19	("2012826"   "2277816"   "2557301"   "2608414"   "3889962").PN. OR ("5028178").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2009/06/04 14:37
S62	10	("2608414"   "3539193"   "5028178"   "5311654"   "5378091"   "5904451"   "5975817").PN. OR ("6746023").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2009/06/04 15:07
S63	9	("3539193").URPN.	USPAT	AND	ON	2009/06/04 15:18

S64	14	("2829899"   "4021051"   "4379667").PN. OR ("4657454").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2009/06/04 15:26
S65	7	"2695787"	US-PGPUB; USPAT	AND	ON	2009/12/07 15:27
S66	6	("2695787").URPN.	USPAT	OR	OFF	2009/12/07 16:06
S67	32	("1470158"   "1561843"   "20060091618"   "2695787"   "2982557"   "3701537"   "3941363"   "4106745"   "4196897"   "4380939"   "4432559"   "4564995"   "4599769"   "4709847"   "4730819"   "5025690"   "5347866"   "5429376"   "5613692"   "5680801"   "5997010"   "6224067"   "6352496"   "6497417"   "6575030"   "6771090"   "6782779"   "RE37397").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/12/07 16:08
S68	3	"7182558"	US-PGPUB; USPAT; USOCR	OR	OFF	2009/12/07 16:18
S69	11	("4721423"   "4809426"   "4856177"   "5311654"   "5378091"   "6060694"   "6216335"   "6488285"   "6938903").PN. OR ("7182558").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/12/07 16:20
S70	172	279/140	US-PGPUB; USPAT	AND	ON	2009/12/09 14:03
S71	99	279/141	US-PGPUB; USPAT	AND	ON	2009/12/09 14:14
S72	61	279/142	US-PGPUB; USPAT	AND	ON	2009/12/09 14:19
S73	198	279/145	US-PGPUB; USPAT	AND	ON	2009/12/09 14:22
S75	68	279/152	US-PGPUB; USPAT	AND	ON	2009/12/09 14:36
S76	52	279/153	US-PGPUB; USPAT	AND	ON	2009/12/09 14:39
S77	21	279/154	US-PGPUB; USPAT	AND	ON	2009/12/09 14:42

S78	77	279/155	US-PGPUB; USPAT	AND	ON	2009/12/09 14:43
S79	120	279/156	US-PGPUB; USPAT	AND	ON	2009/12/09 14:47
S80	339	279/102	US-PGPUB; USPAT	AND	ON	2009/12/09 14:56
S81	248	279/20	US-PGPUB; USPAT	AND	ON	2009/12/09 15:44
S82	26	279/43.5	US-PGPUB; USPAT	AND	ON	2009/12/09 16:05
S83	19	279/46.5	US-PGPUB; USPAT	AND	ON	2009/12/09 16:07
S84	10	("2608414"   "3539193"   "5028178"   "5311654"   "5378091"   "5904451"   "5975817").PN. OR ("6746023").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/12/09 16:38
S85	6	("2695787").URPN.	USPAT	OR	OFF	2009/12/09 16:41
S86	18	("1346890"   "1810275"   "1929285"   "2082345"   "2407908").PN. OR ("3701537").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/12/09 16:43
S87	3	("2407908").URPN.	USPAT	OR	OFF	2009/12/09 16:45
S88	11	("4721423"   "4809426"   "4856177"   "5311654"   "5378091"   "6060694"   "6216335"   "6488285"   "6938903").PN. OR ("7182558").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/12/09 16:46
S89	9	("20040052598"   "3663027"   "3762730"   "3989260"   "5462293"   "6224067"   "6488285").PN. OR ("6938903").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/12/09 16:46
S90	19	("1225209"   "20020122702"   "3865502"   "4011791"   "4076444"   "5030043"   "5141370"   "5516243"   "5957634"   "6171033"   "6179530").PN. OR ("6558089").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/12/09 16:49

S91	18	("1765362"   "2576350"   "3411796"   "4175898"   "4810139"   "5067861").PN. OR ("5403132").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/12/09 16:50
S92	18	("3411796").URPN.	USPAT	OR	OFF	2009/12/09 16:52
S93	18	("20040057804"   "20050019119"   "2042081"   "3726352"   "3794438"   "4171656"   "4197042"   "4353670"   "4533285"   "4610285"   "4611959"   "4693641"   "5071295"   "5265988"   "5914895"   "5915895"   "6595729").PN. OR ("7131798").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/12/09 16:58
S94	13	("1252335"   "2098675"   "2141786"   "2778650"   "3425705").PN. OR ("5383673").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/12/09 16:59
S95	20	("2609209"   "3035845"   "3332693"   "3365204"   "3451686"   "3726532"   "3905609"   "4377292"   "4387906"   "4699388"   "4817972"   "5405220"   "5567093"   "6209886"   "6923451").PN. OR ("7261302").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/12/09 17:00
S96	10	("3035845"   "3727930").PN. OR ("4699388").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/12/09 17:03
S97	18	("1765362"   "2576350"   "3411796"   "4175898"   "4810139"   "5067861").PN. OR ("5403132").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/12/10 09:04
S98	18	("3411796").URPN.	USPAT	OR	OFF	2009/12/10 09:07

S99	13	("1369632"   "2270420"   "2885210"   "3096989"   "3411796").PN. OR ("3595592").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/12/10 09:09
S100	18	("3411796").URPN.	USPAT	OR	OFF	2009/12/10 09:19
S101	18	("20040057804"   "20050019119"   "2042081"   "3726352"   "3794438"   "4171656"   "4197042"   "4353670"   "4533285"   "4610285"   "4611959"   "4693641"   "5071295"   "5265988"   "5914895"   "5915895"   "6595729").PN. OR ("7131798").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/12/10 09:20
S102	2	"7261302"	US-PGPUB; USPAT; USOCR	OR	OFF	2009/12/10 09:25
S103	20	("2609209"   "3035845"   "3332693"   "3365204"   "3451686"   "3726532"   "3905609"   "4377292"   "4387906"   "4699388"   "4817972"   "5405220"   "5567093"   "6209886"   "6923451").PN. OR ("7261302").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/12/10 09:25
S104	10	("3035845"   "3727930").PN. OR ("4699388").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/12/10 09:30
S105	11	"0014502"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/12/10 09:35
S106	13	("1252335"   "2098675"   "2141786"   "2778650"   "3425705").PN. OR ("5383673").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/12/10 09:41

S107	11	("4721423"   "4809426"   "4856177"   "5311654"   "5378091"   "6060694"   "6216335"   "6488285"   "6938903").PN. OR ("7182558").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/12/10 09:42
S108	19	("1225209"   "20020122702"   "3865502"   "4011791"   "4076444"   "5030043"   "5141370"   "5516243"   "5957634"   "6171033"   "6179530").PN. OR ("6558089").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/12/10 09:54
S109	18	("20040057804"   "20050019119"   "2042081"   "3726352"   "3794438"   "4171656"   "4197042"   "4353670"   "4533285"   "4610285"   "4611959"   "4693641"   "5071295"   "5265988"   "5914895"   "5915895"   "6595729").PN. OR ("7131798").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/12/10 09:56
S110	21	("3397013"   "3752515"   "4201421"   "4327947"   "4346934"   "4484783"   "4489986").PN. OR ("4575156").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/12/10 09:58
S111	95	("0630176"   "1044299"   "1348434"   "1871839"   "20030213354"   "20040051370"   "20060006727"   "20060279134"   "2353561"   "2800302"   "3143177"   "3171666"   "3320575"   "3339944"   "3521342"   "3527120"   "3537539"   "3541882"   "3622206"   "3652130"   "3690728"   "3717209"   "3767266"   "3771612"   "3807776"   "3841708"	US-PGPUB; USPAT; USOCR	OR	OFF	2009/12/10 10:00

		"3865437"   "3957385"   "3976340"   "3980325"   "4014395"   "4049297"   "4084856"   "4229025"   "4239318"   "4240677"   "4247150"   "4323727"   "4337980"   "4349050"   "4367053"   "4478299"   "4484783"   "4505058"   "4561698"   "4575156"   "4575456"   "4616948"   "4700790"   "4712811"   "4728153"   "4733987"   "4763956"   "4772139"   "4813808"   "4828327"   "4836614"   "4850649"   "4915455"   "4932689"   "4944560"   "4979911"   "5011229"   "5088797"   "5106166"   "5302005"   "5354068"   "5450657"   "5725283"   "5816627"   "5931542"   "6095713"   "6357832"   "6361243"   "6585327"   "6623084"   "6648514"   "7118181"   "7300114"   "7380889").PN. OR ("7618098").URPN.				
S112	121	29/898.054	US-PGPUB; USPAT	AND	ON	2009/12/10 11:33
S113	8	"6179530"	US-PGPUB; USPAT	AND	ON	2009/12/10 11:47
S114	5	"5711538"	US-PGPUB; USPAT	AND	ON	2009/12/10 11:48
S115	1	"6666461"	US-PGPUB; USPAT	AND	ON	2009/12/10 11:49
S116	56	29/898.055	US-PGPUB; USPAT	AND	ON	2009/12/10 13:36
S117	24	("1158862"   "1331961"   "1460515"   "1652468"   "3099030"   "3188679"   "4125637"   "4393563"   "4774749"   "4932097").PN. OR ("5319851").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/12/10 13:43

S118	15	("2608751"   "2851314"   "3781073"   "4491429"   "4667943"   "4744677"   "4809960"   "5261748"   "5328160"   "5593233"   "5820115"   "6485180"   "6702467").PN. OR ("6997614").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/12/10 13:47
S119	18	"4575156"	US-PGPUB; USPAT; USOCR	OR	OFF	2009/12/10 13:49
S120	21	("3397013"   "3752515"   "4201421"   "4327947"   "4346934"   "4484783"   "4489986").PN. OR ("4575156").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/12/10 13:52
S121	3	"5997010"	US-PGPUB; USPAT; USOCR	OR	OFF	2009/12/10 14:15
S122	19	("2373592"   "3434730"   "3437342"   "3659863"   "3900913"   "4032162"   "4042162"   "4094521"   "4296658"   "4432559"   "4566705"   "4791841"   "5002291"   "5613692").PN. OR ("5997010").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/12/10 14:19
S123	19	("1875484"   "2402353"   "2477891"   "3471160"   "4762030"   "4862773"   "5095779"   "5182973"   "5438891"   "5795110"   "5819611"   "5882151"   "5997010").PN. OR ("6401573").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/12/10 14:20
S124	19	("2373592"   "3434730"   "3437342"   "3659863"   "3900913"   "4032162"   "4042162"   "4094521"   "4296658"   "4432559"   "4566705"   "4791841"   "5002291"   "5613692").PN. OR ("5997010").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/12/10 14:23
S125	9	"2407908"	US-PGPUB; USPAT; USOCR	OR	OFF	2009/12/10 14:26

S126	4	"1810275"	US-PGPUB; USPAT; USOCR	OR	OFF	2009/12/10 14:33
S127	1	("1810275").URPN.	USPAT	OR	OFF	2009/12/10 14:36
S128	71	"3009747"	USPAT	OR	OFF	2009/12/10 14:39
S129	3	"5997010"	US-PGPUB; USPAT	AND	ON	2009/12/14 13:31
S130	0	"5997010" and coolant	US-PGPUB; USPAT	AND	ON	2009/12/14 14:59
S131	0	"5997010" and liquid	US-PGPUB; USPAT	AND	ON	2009/12/14 15:00

**12/ 18/ 2009 4:41:05 PM**

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